KRAVTSOV, Vladimir Ivanovich; TOROPOV, A.M., red.; CHOTIYEV, S., tekhn.red.

[Investigating the properties of new materials for making metal-cutting tools] Issledovanie svoistv novykh rezhushchikh instrumental'nykh materialov. Frunze, Kirgizskoe gos.izd-vo, 1960. 119 p.

(MIRA 14:1)

(Metal-cutting tools)

TOROPOV, A. M., Cand Phys-Math Sci -- (diss) "Condition of crystalline structure of metals subjected to fatigue test under conditions of room and lower temperatures." Frunze, 1960. 11 pp; 200 copies; price not given; (KL, 27-60, 148); (organization of origin not given)

TERMINASOV, Yu.S., prof.; TOROPOV, A.M., inzh.

X-ray investigation of the fatigue process in steel at room and low temperatures. Izv.vys.ucheb.zav.; chern.met. 2 no.7:75-78 Jl '59. (MIRA 13:2)

1. Leningradskiy inzhenerno-ekonomicheskiy institut. Rekomendovano kafedroy fiziki Leningradskogo inzhenerno-ekonomicheskogo instituta.
(Steel--Fatigue)

TERMINASOV, Yu.S.; TOROPOV, A.M.

Machine for the fatigue testing of flat specimens at room and low temperatures. Zav.lab. no.11:1381-1382 '59. (MIRA 13:4)

1. Leningradskiy inzhenerno-ekonomicheskiy institut.
(Fatigue testing machines)

1. UDOVENKO, V.V., SICHKOVA, Ye. V., TOROPOV, A.P.

2. USSR (600)

"Surface Tension of Ketones-Organic Acids System", Zhur. Obshch., 9, No. 22, 1939. Lab. of Physical Chem., Central Asiatic State Univ. Received 17 May 1939.

9. [redacted] Report U-1626, 11 Jan 1952.

OBOVINKO, A. V.; [illegible], A. I.

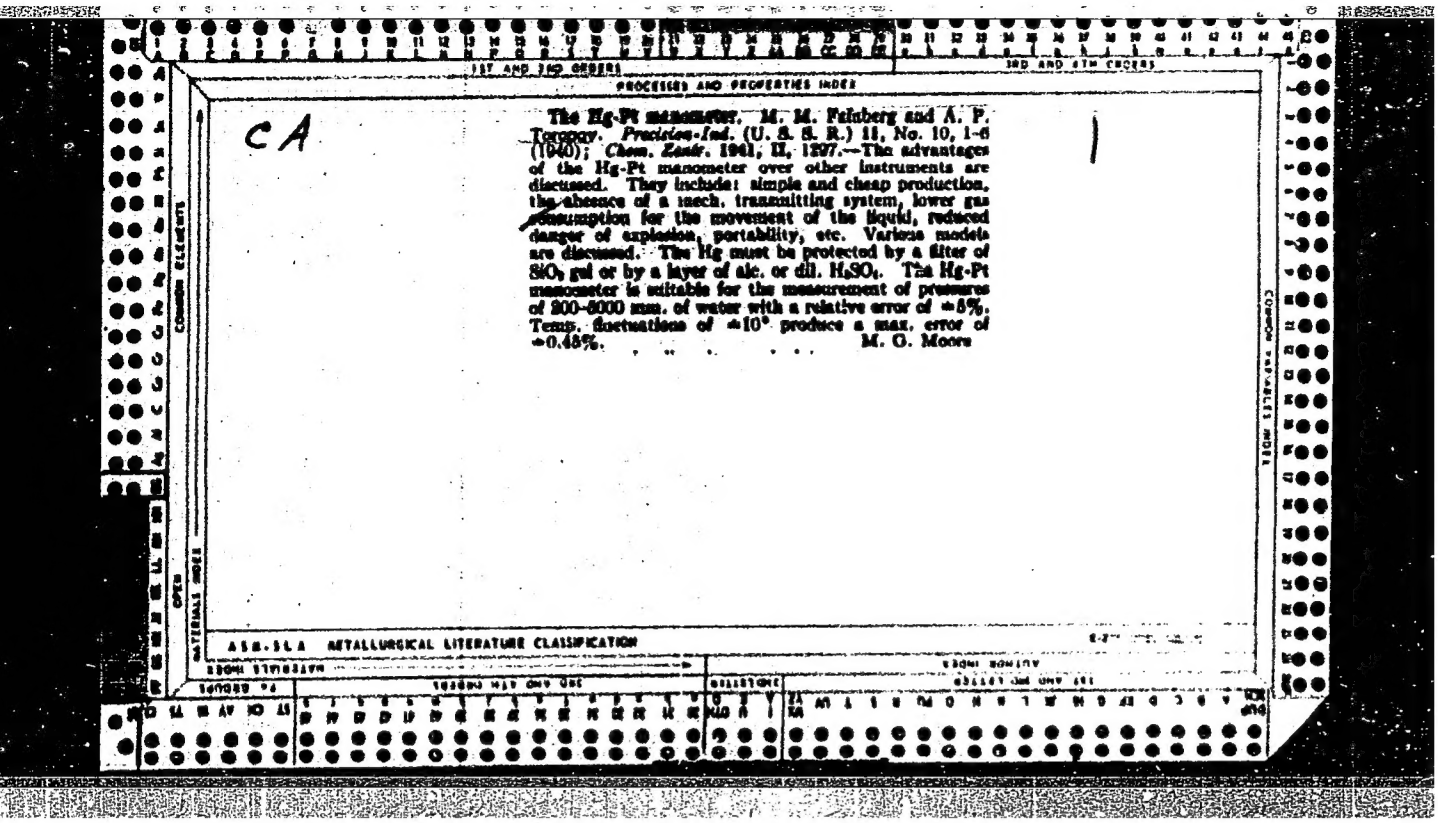
"The Viscosity of the Ternary Systems: Phenol-Aniline-Benzene, Phenol-Dimethylaniline-Benzene, and Phenol-Diethylaniline-Benzene", Zhur. Obshch. Khim., 10, No. 1, 1940. Laboratory of Physical Chemistry of the Central Asiatic State University Received 5 June 1939

Report U-1526, 24 Oct 51.

OBOYENKO, V. V.; KOROLOV, A. ..

"Cryoscopic Examination of the Phenol-Aniline, Phenol-Dimethylaniline, and Phenol-Diethylaniline Systems", Zhur. Obshch. Khim., 10, No. 1, 1940. Laboratory of Physical Chemistry of the Central Asiatic State University. Received 25 July 1939.

Report U-1526, 24 Oct 51.



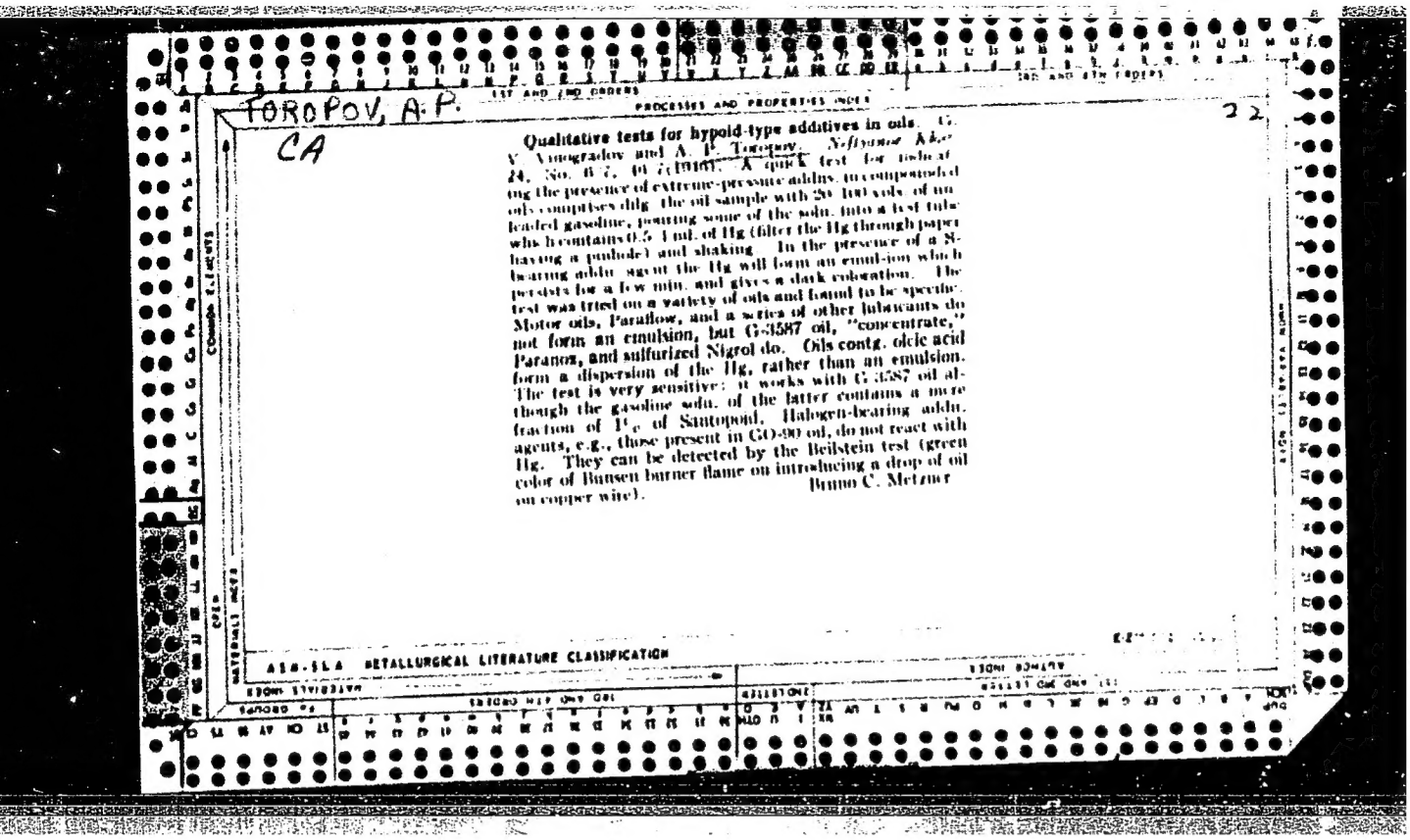
PROCESSES AND PROPERTIES INDEX

CA

1

The Hg-Pt manometer. M. M. Felnberg and A. P. Toropov. *Precision-Ind.* (U. S. S. R.) 18, No. 10, 1-6 (1940); *Chem. Zentr.* 1941, II, 1297.—The advantages of the Hg-Pt manometer over other instruments are discussed. They include: simple and cheap production, the absence of a mech. transmitting system, lower gas consumption for the movement of the liquid, reduced danger of explosion, portability, etc. Various models are discussed. The Hg must be protected by a filter of SiO_2 gel or by a layer of alc. or dil. H_2SO_4. The Hg-Pt manometer is suitable for the measurement of pressures of 200–6000 mm. of water with a relative error of ±5%. Temp. fluctuations of ±10° produce a max. error of ±0.45%. M. O. Moore

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



FOROPOV, A. P.

CA

22

PROCESSES AND PROPERTIES INDEX

Qualitative tests for hypoid-type additives in oils. G. V. Vinogradov and A. P. Toropov. *Neftyanoe Khoz.* 24, No. 6, 7, 40 (1946). A quick test for indicating the presence of extreme-pressure additives in compounded oils comprises dilg. the oil sample with 50–100 vols. of unleaded gasoline, pouring some of the soln. into a test tube which contains 0.5–1 ml. of Hg (filter the Hg through paper having a pinhole) and shaking. In the presence of a S-bearing additive agent the Hg will form an emulsion which persists for a few min. and gives a dark coloration. The test was tried on a variety of oils and found to be specific. Motor oils, Paraflow, and a series of other lubricants do not form an emulsion, but G-3587 oil, "concentrate," Paranox, and sulfurized Nigrol do. Oils contg. oleic acid form a dispersion of the Hg, rather than an emulsion. The test is very sensitive; it works with G-3587 oil although the gasoline soln. of the latter contains a mere fraction of 1% of Santopour. Halogen-bearing additive agents, e.g., those present in GO-90 oil, do not react with Hg. They can be detected by the Beilstein test (green color of Bunsen burner flame on introducing a drop of oil on copper wire).

Bruno C. Metzner

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

TOROPOV, A.P

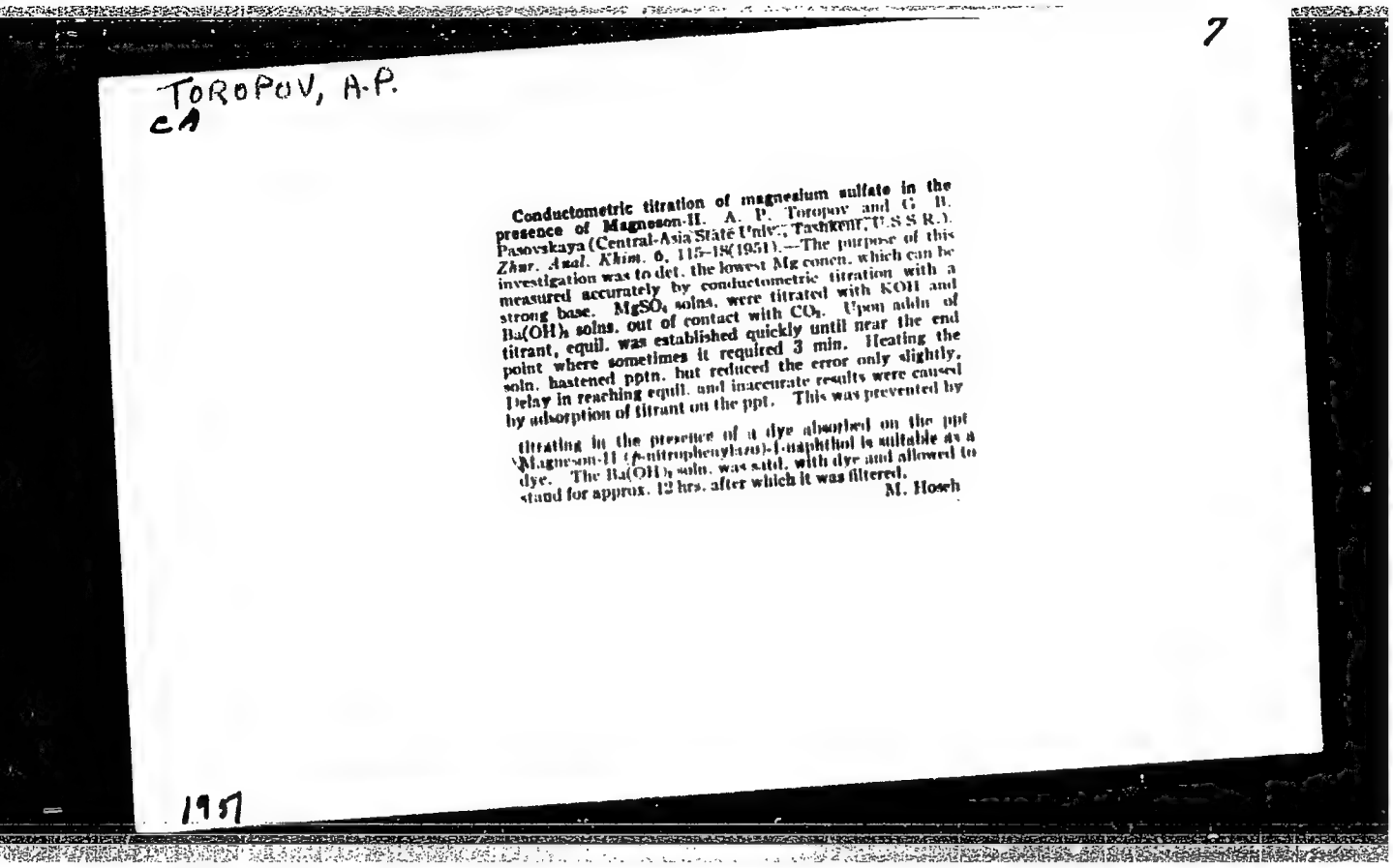
UDOVENKO, V.V., TOROPOV, A.P. and OSININA, M.Ye.

TOROPOV, A.P. - "Conductometric titration of anabasine," Doklady Akad. nauk UzSSR, 1949, No. 1, p. 7-10 -- Summary in Uzbek

SO: U-3566, 15 March, 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

TOROPOV, A.P., dotsent, kandidat khimicheskikh nauk.

Measuring the conductance of liquids and of solutions. Biul.MGU no.26:47-52 '49. (MLRA 9:5)
(Liquids--Electric properties)
(Solution (Chemistry)--Electric properties)



TOROPOV, A.P.
CA

7

Conductometric titration of magnesium sulfate in the presence of Magneson-II. A. P. Toropov and G. B. Pasovskaya (Central-Asia State Univ., Tashkent, U.S.S.R.). *Zhur. Anal. Khim.* 6, 115–18(1951).—The purpose of this investigation was to det. the lowest Mg concn. which can be measured accurately by conductometric titration with a strong base. $MgSO_4$ solns. were titrated with KOH and $Ba(OH)_2$ solns. out of contact with CO_2. Upon addn. of titrant, equil. was established quickly until near the end point where sometimes it required 3 min. Heating the soln. hastened pptn. but reduced the error only slightly. Delay in reaching equil. and inaccurate results were caused by adsorption of titrant on the ppt. This was prevented by titrating in the presence of a dye absorbed on the ppt. Magneson-II (p-nitrophenylazo)-1-naphthol is suitable as a dye. The $Ba(OH)_2$ soln. was satd. with dye and allowed to stand for approx. 12 hrs. after which it was filtered.

M. Hosch

1951

UDOVENKO, V.V.; TOROPOV, A.P.; GORDIYENKO, A.A.

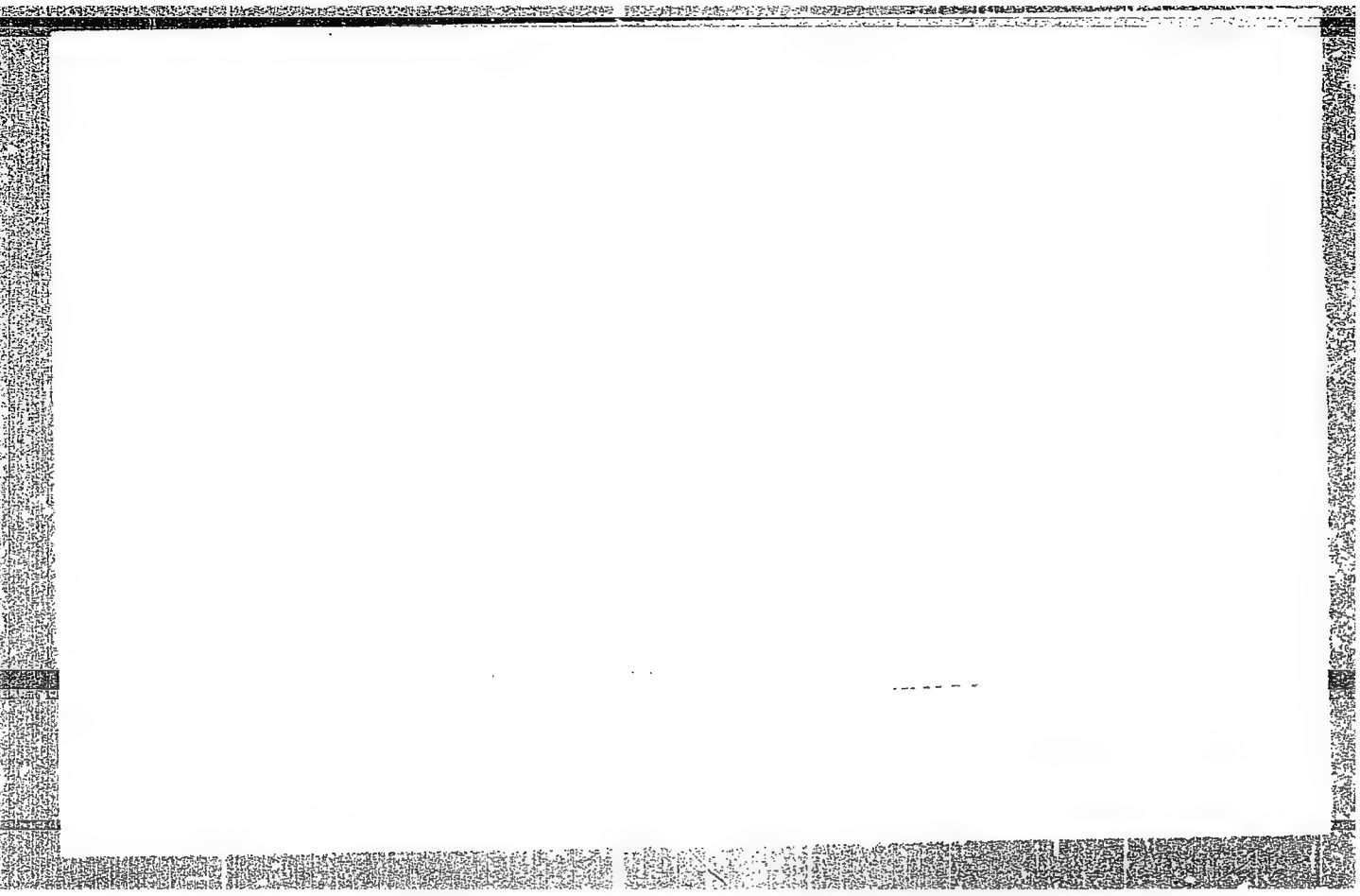
Description of the construcion and manufacture of a laboratory fractionating column. Trudy SAGU no.27:53-59 '51. (MLRA 9:5)
(Distillation apparatus)

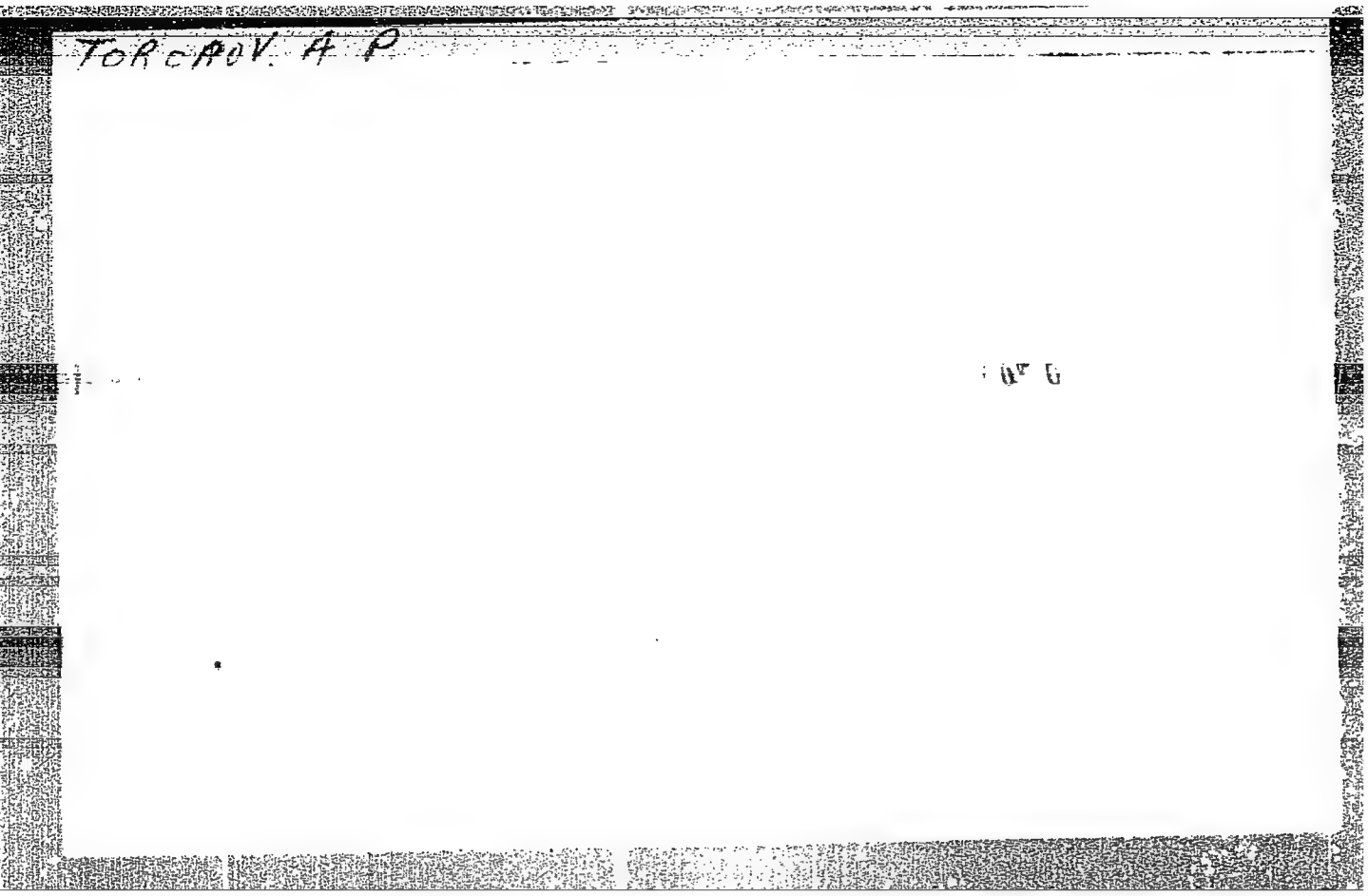
TOROPOV, A.P.

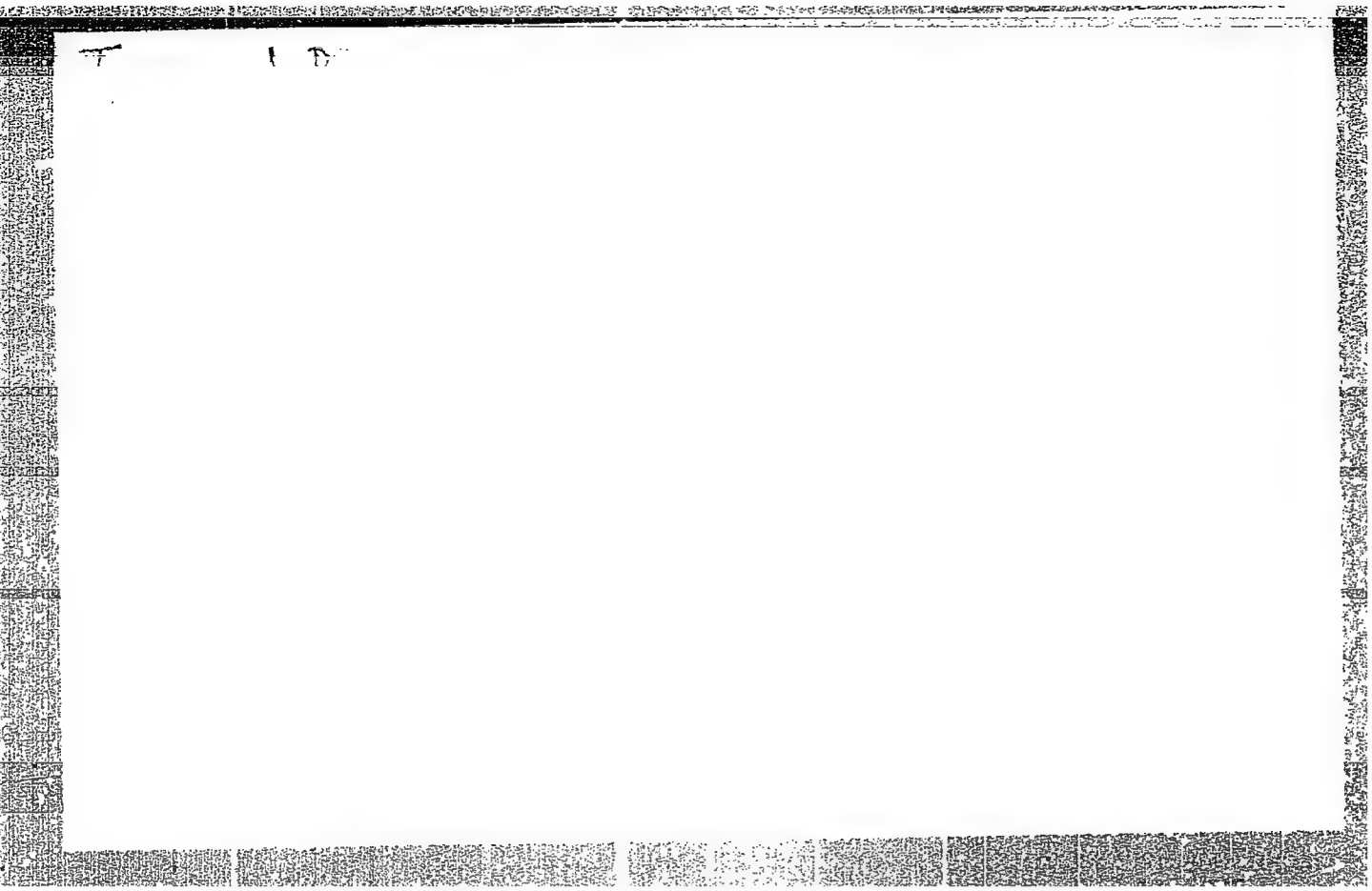
Description of a compound apparatus for conductometric and potentiometric titration. Trudy SAGU no.27:61-74 '51. (MLRA 9:5)
(Titrimeters)

TOROPOV, A.P.; PASOVSKAYA, G.B.

New method for conductiometric and amperometric titration. Trudy SAGU no.27:75-79 '51. (MLRA 9:5)
(Titrimeters)







TOROPOV A P

7

CH

The viscosity of the ternary system heptane–octane–2,2,4-trimethylpentane. A. P. Toropov, R. P. Alrapetova, and V. K. Kiryukhin. *Zhur. Obshchei Khim.* 25, 1314–17 (1955).—Viscosities η of the system n-C_7H_{16} (I)–n-C_8H_{18} (II)–$Me_3CCH_2CHMe_2$ (III) detd. at 20, 40, and 60°, were within ±1% of the values calcd. by Panchenkov's formula (*C.A.* 45, 3673d). In the systems I–II, I–III, and II–III, the binding energies were linear with respect to molar compn. The binding energies for the ternary system were calcd. from the viscosities of the binary systems (*C.A.* 49, 886d). Gary Gerard

(2)

TOROPOV, A.P.; NIKONOVICH, G.V.

Device for the dynamic determination of saturated vapor pressure for small quantities of liquids. Zhur.fiz.khim. 29 no.4:615-619 Ap '55. (MIRA 8:8)

1. Sredneaziatskiy universitet im. V.I. Lenina, Tashkent.
(Vapor pressure)

TOROPOV, A.P.

USSR/Fitting Out of Laboratories - Instruments. H-
Their Theory, Construction, and Use.

Abs Jour : Ref Zhur - Khimiya, No 3, 1957, 8679

Author : Toropov, A.P.
Inst : Academy of Sciences, Uzbek SSR.
Title : A New Method for Measuring the Dielectric Strength of Liquid Dielectrics.

Orig Pub : Dokl. AN UzSSR, 1956, No 2, 25-28 (with summary in Uzbek)

Abstract : A method is proposed for the measurement of the dielectric strength (ε) of liquids having no marked electric conductivity. The method is based on the practical independence of the magnitude of ε of the substances on the frequency in the region in which abnormal dispersion is not observed. The test condenser filled with the substance under test is connected in the generator circuit so as to form an integral part of the latter's capitance and the resonance frequency ν is determined. From a knowledge

Card 1/2

USSR/Solutions. Theory of Acids and Bases. B-11

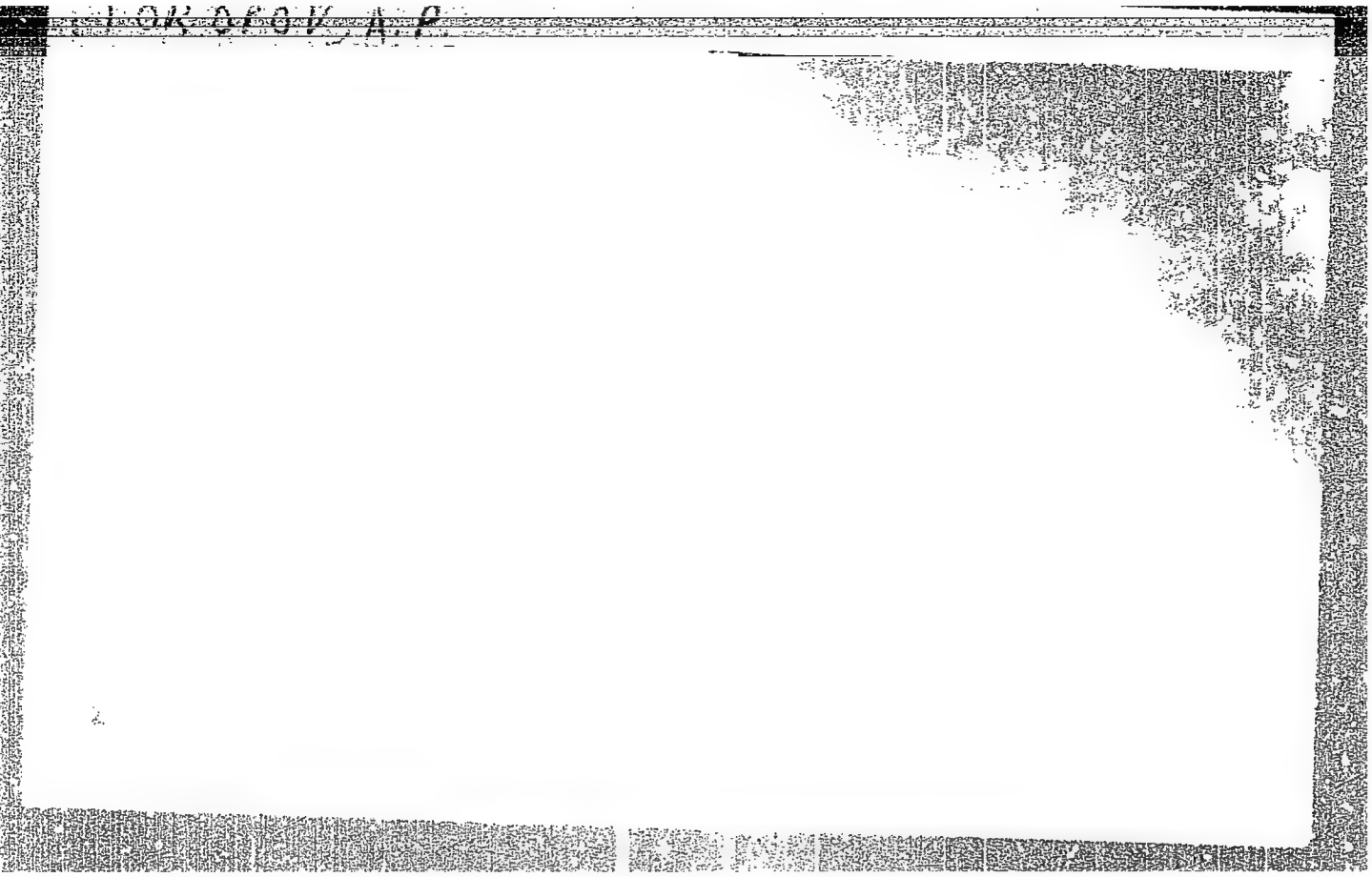
Abs Jour : Ref Zhur - Khimiya, No 8, 1957, 26291

Author : A.P. Toropov, A.I. Malinskaya
Inst : Academy of Sciences of Uzbek SSR.
Title : Temperature Dependence of Viscosity in System Tin Chloride-Titanium Tetrachloride.

Orig Pub : Dokl. AN UzSSR, 1956, No 8, 29-31; correction: Dokl. AN UzSSR, 1956, No 11, 68

Abstract : The dependence of the viscosity (η) of the mixture $SnCl_4$ (I) + $TiCl_4$ (II) on the concentration (C) was studied at temperatures of 20, 40, and 60°. At 20 and 60° the dependence $\eta = f(C)$ has the shape of a curve convex towards the composition axis and monotonously dropping from the more viscous I to II. At 40°, $\eta = f(C)$ passes through a minimum displaced towards II. The difference in the shape of $\eta = f(C)$ is explained by the different temperature factors of the components I and II. The computation of η at 40° by Panchenkov's equation $\eta = A' M^{1/3} T^{1/2} (3^{\varepsilon/RT} - 1)$ agrees well with the experimental data for pure II and for mixtures of I + II with large contents of II. The increase of the I content results in discrepancies up to 8%. In the authors' opinion, a great change of A' and ε with the temperature contradicts their physical meaning.

Card : 1/1



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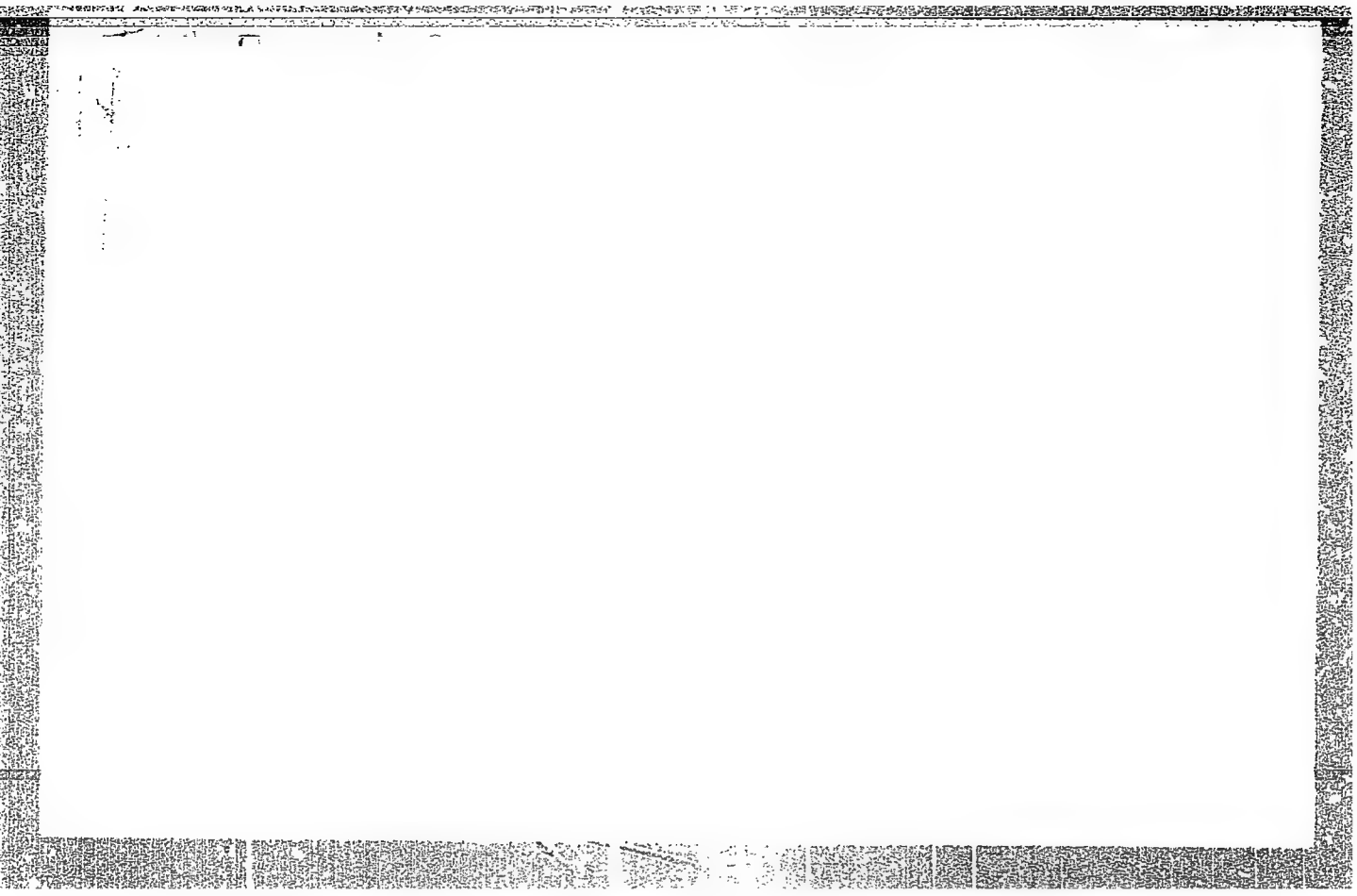

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001756330002-4"

TOROPOV, A.P.; PASOVSKAYA, G.B.

Some improvements in the technique of conductometric titrations [with summary in English]. Zhur.anal.khim. 12 no.3:328-331 My-Je '57. (MLRA 10:7)

1. Srednеaziatskiy gosudarstvennyy universitet im. V.I.Lenina, Tashkent.

(Conductometric analysis)

AUTHOR TOROVOV, A.P. 32-8-50/61

TITLE Improving the Design of an Apparatus for Gauging the Electroconductivity of Liquids.
(Uluchsheniye skhemy ustanovki dlya izmereniya elektroprovodnosti zhidkostey.- Russian)

PERIODICAL Zavodskaya Laboratoriya, 1957, Vol 23, Nr 8, pp 997-997 (U.S.S.R.)

ABSTRACT In the paper an alteration in the known scheme - of the bridge of Kohlrausch - is suggested, i.e. that the usual computations can be avoided and the necessary values can be read directly from the resistancescale. This scheme differs from the already known ones in that here instead of one rheostat two rheostats which are connected with the adjacent arms of the bridge are provided. They are to have the same resistance and scale. The resistance has to be as small as possible in order to facilitate the use of a connecting conduction of greater cross section and thus also to increase the quality of the work of the rheostats. The ratio of the values of the electroconductivity of the liquid A and the constant of the vessel B as well as the resistances of the rheostats K_3, K_4 is expressed here for the case of the equilibrium in the formula:

$$K_3/K_4 = A/B$$

CARD 1/2

Improving the Design of an Apparatus for Gauging the Electroconductivity of Liquids.

32-8-50/61

In order to obtain the electroconductivity of the liquid immediately, the scale of the rheostats must agree so that the numerical values correspond according to scales to the values K_3-A and K_4- B which can be obtained by adapting the constant value of the electrocconductivity of the vessel to the rheostat 2. If now the normal resistance (gauge resistance) is switched on and equilibrium of the bridge is established by adjusting the contact to the rheostat 1 the value of the electric conductivity of the liquid in question can be obtained immediately. This value here corresponds to the inverse value of the determined normal resistance. There are 2 figures.

ASSOCIATION: Middle Asiatic State University. (Sredneaziatskiy gosudarstvennyy universitet)

AVAILABLE: Library of Congress.

CARD 2/2

AUTHOR TOROPOV A.P., KITOVA A.I., PA - 2691

TITLE An Attempt at Measuring of the Viscosity of an Extended Liquid. (Opyt izmereniya vyazkosti paztyanutoy zhidkosti - Russian)

PERIODICAL Zhurnal Eksperim. i Teoret.Fiziki, 1957, Vol 32, Nr 2, pp 372-372 (USSR)

Received 5/1957 Reviewed 6/1957

ABSTRACT The authors endeavored to determine whether measurements of this kind are possible. In the following some results of these attempts are shown: Benzene served as a trial object. The physical constants of the preparation used agreed fully with data found in books of reference. In addition , benzene was distilled. Measurements were carried out by means of STOKES' method in cylindrical ampules of molybdenum glass ES-5K with an inner diamter of 6 mm. Into the ampule filled with benzene a glass sphere was inserted and the ampule was soldered in such a manner that one glass bubble remained in it. In this manner three ampules with glass bubbles of different sizes were prepared. At first the ampule was placed horizontally and the temperature of the thermostat was slowly increased until the whole volume of the ampule was filled with a liquid. Then the temperature (the "solving temperature") was recorded and slow cooling of the thermostat until the liquid broke was immediately begun. This process was repeated several times until the solution temperature and breaking-off temperature were constant up to $\pm$ 0,2° C. After the end of this preliminary treatment of the ampule the glass sphere was placed into one of the ends of the ampule and the thermostat was heated up to solution temperature. After the vanishing of the glass bubble in the ampule the

Card 1/2

An Attempt at Measuring of the Viscosity of an Extended Liquid. PA - 2691

temperature of the thermostat was adjusted so as to be somewhat lower than solution temperature. The ampule was kept at this temperature for about 20 to 25 minutes and was then quickly placed vertically in such a way that the end containing the sphere pointed upwards. Now duration of the falling of the sphere from the upper to the lower end was measured: in the case of all ampules and at all temperatures chosen this was done at least 15 times. Next, computation of viscosity on the basis of these data is discussed in short.
According to the author's opinion the results shown in a table are convincing proof of the fact that the viscosity of a liquid can be measured by means of STOKES' method.

ASSOCATION State University of Central Asia
PRESENTED BY
SUBMITTED 10.9.1956
AVAILABLE Library of Congress
Card 2/2

TOROPOV, A.P.; RASHKES, Ya.V.

Equation for surface-tension isotherms of an ideal system. (MIRA 11:12)
Dok. AN Uz.SSR no.10:27-29 '58.

1. Sredneaziatskiy gosudarstvennyy universitet im. V.I.Lenina.
Predstavleno chlenom-korrespondentom AN UzSSR I.P.TSukervanikom.
(Surface tension)

TOROPOV, A.P.; KITOVA, A.I.

Measuring the viscosity of stretched liquids. Uzb.khim. zhur. no.4:34-38 '59. (MIRA 13:1)

1. Sredneaziatskiy gosudarstvennyy universitet im. V.I. Lenina.

(Viscosity)

TOROPOV, A.P.; KOROSTOVA, I.A.

Surface tension of some normal systems. Dokl. AN Uz. SSR no.9:33-35 '59. (MIRA 13:1)

1.Sredneaziatskiy gosuniversitet im. V.I. Lenina. Predstavleno chlenom-korrespondentom AN UzSSR I.P. TSukervanikom.
(Surface tension) (Systems (Chemistry))

TOKOPOV, A.P.

Viscosity of normal systems whose components have close viscosity values. Uzb. khim. zhur. no.3:43-48 '60. (MIRA 13:10)

1. Sredneaziatskiy gosudarstvennyy universitet imeni V.I.Lenina.
(Viscosity) (Systems (Chemistry))

86158

S/076/60/034/008/036/039/XX
B015/B063

11.3950

AUTHORS: Toropov, A. P. and Brodskaya, G. A.

TITLE: The Quantities A' and ε_o in G. M. Panchenkov's Corrected Formula for the Calculation of the Viscosity of Fluids

PERIODICAL: Zhurnal fizicheskoy khimii, 1960, Vol. 34, No. 8, pp. 1879-1882

TEXT: The authors show that A' and ε_o in G. M. Panchenkov's equation $\eta = A' \varrho^{4/3} T^{1/2} (e^{\varepsilon_o/RT} - 1)$ (1) (Ref. 1) for the calculation of the viscosity of fluids depend on temperature and may assume negative values. This is irreconcilable with the physical significance ascribed to them by Panchenkov. As a consequence, some of the conclusions with which Panchenkov substantiates equation (1) must be revised. Panchenkov assumes that A' is practically independent of temperature; he calculates the viscosity of several fluids from equation (1); he points out that the difference between calculation and measurement is very small, and ascribes

Card 1/3

86158

The Quantities A' and ε_o in G. M. Panchenkov's Corrected Formula for the Calculation of the Viscosity of Fluids

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B015/B063

the divergence in determination of the viscosity of liquid metals (Ref. 2) to the inaccuracy of experimental values. When considering the difference between measurement and calculation in Refs. 1 and 2, it may be seen that there is no arbitrary spread of values with a change of temperature, but the negative deviations of most fluids become smaller with a rise of temperature. Then, the deviations change in sign, increase continually, reach a maximum, and become again negative above a certain temperature. This definite rule means that, contrary to Panchenkov's view, either A' or ε_o, or one of the two quantities changes with temperature. Using the equation

$$1/\eta \cdot d\eta/dT = (4/3)(1/\varrho)(d\varrho/dT) + 1/2T = \varepsilon_o \exp(\varepsilon_o/RT)/RT^2\left[\exp(\varepsilon_o/RT) - 1\right]$$

(5) the authors calculate A' and ε_o for some substances, and compare their values with those resulting from (1). A table indicates that A' and ε_o take different values with a change in temperature. Using Panchenkov's method of calculation, the authors demonstrate that the change of A' and ε_o with temperature can also be proved in this way. There are 2 tables

Card 2/3

86158

The Quantities A' and ε_0 in C. M. Panchenkov's Corrected Formula for the Calculation of the Viscosity of Fluids

S/076/60/034/008/036/039/XX
B015/B063

and 9 references: 8 Soviet and 1 German.

ASSOCIATION: Sredneaziatskiy gosudarstvennyy universitet im. V. I. Lenina ((Soviet) Central Asia State University imeni V. I. Lenin)

SUBMITTED: January 21, 1960

Card 3/3

TOROPOV, A.P.; KABANOVA, V.M.

Surface tension of normal systems whose components differ markedly in the value of this property. Uzb. khim. zhur. no.1:23-29 '61. (MIRA 14:1)

1. Tashkentskiy gosudarstvennyy universitet imeni V.I. Lenina. (Surface tension) (Systems (Chemistry))

TOROPOV, A.P.; KIM, L.P.

Effect of the increased viscosity of components on the shape of viscosity isotherms in normal systems. Uzb.khim.zhur. no.2:51-55 '61. (MIRA 14:10)

1. Tashkentskiy gosuniversitet imeni Lenina.
(Systems (Chemistry)) (Viscosity)

TOROPOV, A.P.; YERMOKHINA, V.A.

Viscosity of systems with ethyl stearate. Uzb.khim.zhur no.3:36-40 '61. (MIRA 14:11)

1. Tashkentskiy gosudarstvennyy universitet imeni Lenina.
(Stearic acid)
(Systems(Chemistry))

TOROPOV, A.P.; CHAMAYEV, V.N.

Study of the conditions for the formation of ideal systems. Izv.vys.ucheb.zav; khim.i khim.tekh. 4 no.5:738-742 '61. (MIRA 14:11)

1. Tashkentskiy gosudarstvennyy universitet, kafedra fizicheskoy khimii.

(Systems (Chemistry))

VASIL'YEVA, T.A.; LEONT'YEVA, S.A.; TOROPOV, A.P.

Systems approaching the ideal: Ethylstearate-alpha-benzylnaphthalene and di-normal nonylphthalate-normal octadecane. Izv. vys. ucheb. zav., khim. i khim. tekh. 7 no.5:758-763 '64 (MIRA 18:1)

1. Kafedra fizicheskoy khimii Tashkentskogo gosudarstvennogo universiteta imeni V.I. Lenina.

TOROPOV, A.P.; MAT'YAKUBOVA, U.T.

Positive isotherms of the surface tension of normal systems. (MIRA 17:2)
Uzb. khim. zhur. 7 no.6:92-97 '63.

1. Institut khimii polimerov AN UzSSR.

TOROPOV, A.S.; RUDERMAN, A.G., inzhener; ZAYTSEV, A.G., nauchnyy redaktor; KONTSEVAYA, E.M., redaktor; KRYNOCHKINA, K.V., tekhnicheskiy redaktor

[Precast plaster in the building industry] Sukhaia shtukaturka v stroitel'stve. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1953. 46 p. (MLRA 7:11)
(Plastering)

ARSEN'YEV, A.A.; ZOLOTNITSKIY, N.D., kandidat tekhnicheskikh nauk; KISELEV, Ya.L.; KOSOUROV, S.N.; MYL'NIKOV, P.V.; TOROPOV, A.S.

[Safety measures in road building] Tekhnika bezopasnosti na dorozhnom stroitel'stve. Moskva, Avtotransizdat Ministerstva avtomobil'nogo transporta i shosseinykh dorog SSSR, 1953. 186 p. (MLRA 7:4)
(Road construction--Safety measures)

TOROPOV, A.S., kandidat tekhnicheskikh nauk; DUVANKOV, G.S., inzhener, redaktor; KRASIL'SHCHIK, S.I., redaktor; TOKER, A.M., tekhnicheskiy redaktor

[Booklet on safety measures for gas welders] Pamiatka po tekhnike bezopasnosti dlia gazosvarshchikov. 2. izd. Moskva, Gos. izd-vo lit-ry stroitel'stvu i arkhitekture, 1954. 26 p. (MLRA 7:8).

1. Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva. Otdel tekhniki bezopasnosti i promyshlennoy sanitarii.
(Welding--Safety measures)

TOROPOV, Aleksandr Sergeyevich; VLADIMIROVICH, A.G., red.; OSTROVA, I.M., red.; TOKER, A.M., tekhn.red.

[Reinforcement] Armaturnye raboty. Izd.3., perer. i dop. Moskva, Vses.uchebno-pedagog.izd-vo Trudrezervizdat, 1959. 371 p. (MIRA 13:5)
(Reinforced concrete)

TOROPOV, Aleksandr Sergeyevich, kandidat tekhnicheskikh nauk; VOLCHANSKIY, R.A., kandidat tekhnicheskikh nauk, redaktor; BURMISTROV, G.N., redaktor; OSTRIROV, N.S., tekhnicheskiy redaktor

[Reinforcement work] Armaturnye raboty. Moskva, Vses. uchebno-pedagog. izd-vo "Trudrezervizdat," 1954. 191 p. (MLRA 8:5)
(Reinforced concrete construction)

TOROPOV, Aleksandr Sergeyevich, kandidat tekhnicheskikh nauk; RUFFEL', N.A., redaktor; SOKOLOVA, M.A., redaktor; RAKOV, S.I., tekhnicheskiy redaktor.

[Roofer handling rigid and pliant roofing materials] Krovel'shchik po zhestkim i miagkim krovliam. Moskva, Vses.uchebno-pedagog. izd-vo Trudrezervizdat, 1955. 295 p. (MLRA 9:4)
(Roofing)

MARIONKOV, Konstantin Sergeyevich, kandidat tekhnicheskikh nauk; TOROPOV, A.S., kandidat tekhnicheskikh nauk, redaktor; NENOMNYASHCHAYA, T.F., redaktor; TOKER, A.M., tekhnicheskiy redaktor.

[Storing sand, gravel and crushed stone for building] Sklady peska, graviia i shchebnia na stroitel'stve. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 166 p. (MLRA 9:5)
(Building materials--Storage)

TOROPOV, Aleksandr Sergeyevich, kandidat tekhnicheskikh nauk; VOLCHANSKIY, P.A., nauchnyy redaktor; GURIN, A.V., redaktor; MATYSEVICH, N.L., tekhnicheskiy redaktor.

[Reinforcement work] Armaturnye raboty. Izd.2-oe, perer. i dop. Moskva, Vses.uchebno-pedagog.izd-vo Trudrezervizdat, 1956. 247 p. (MLRA 10:5)

(Reinforced concrete constructions)

MONES, Il'ya Mikhaylovich, dotsent, kandidat tekhnicheskikh nauk; BORODIN, I.V., dotsent, kandidat tekhnicheskikh nauk; TOROPOV, A.S., dotsent, kandidat tekhnicheskikh nauk, nauchnyy redaktor; SMIRNOVA, A.P., redaktor izdatel'stva; MEDVEDEV, L.Ya., tekhnicheskiy redaktor; TOKER, A.M., tekhnicheskiy redaktor

[Construction and assembly work in water supply and sewerage] Proizvodstvo stroitel'no-montazhnykh rabot po vodosnabzheniiu i kanalizatsii. Izd. 2-oe, perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 359 p. (MLRA 9:9)
(Water supply engineering)
(Sanitary engineering)

TOROPOV, ALEKSANDR SERGEYEVICH

GORBATOV, Vladimir Ivanovich; TOROPOV, Aleksandr Sergeyevich; BARANOV, L.A., redaktor; YEVSEYEVA, M.V., redaktor izdatel'stva; MAGISHKINA, T.M., tekhnicheskiy redaktor

[Safety engineering in building and using scaffolding and supporting structures] Tekhnika bezopasnosti pri ustroistve i ekspluatatsii lesov i podmostei. Moskva, Gos.izd-vo lit-ry po stroit. i arkhit., 1957. 41 p. (MLRA 10:8)
(Scaffolding--Safety measures)

KOROTEYEV, Dmitriy Vasil'yevich; NOVAK, Anatoliy Platonovich; TOROPOV, A.S., kand. tekhn. nauk, nauchn. red.; GORBACHEVA, O.S., red.

[Labor safety in preparatory operations] Bezopasnost' truda na rabotakh nulevogo tsikla. Moskva, Stroiizdat, 1965. 107 p. (MIRA 18:3)

SOSHIN, A.V., doktor tekhn. nauk, prof.; SOKOLOV, N.M., doktor tekhn. nauk, prof.; TOROPOV, A.S., kand. tekhn. nauk, dots.; BELINOVICH, M.S., inzh.; PETROV, M.S., kand. tekhn. nauk; LUPENKO, I.S., inzh., nauchn. red.

[Technology of the construction industry] Tekhnologiia stroitel'nogo proizvodstva. [By] A.V.Soshin i dr. Moskva, Stroiizdat, 1964. 423 p. (MIRA 17:10)

BARANOV, Lev Aronovich, inzh.; TOROPOV, A.S., kand.tekhn. nauk, nauchnyy red.; TABUNINA, M.A., red.; SHEVCHENKO, T.N., tekhn. red.

[Principles of safety engineering and industrial sanitation in construction] Osnovy tekhniki bezopasnosti i proizvodstvennoi sanitarii v stroitel'stve. Moskva, Stroizdat, 1964. 194 p. (MIRA 17:2)

GORBATOV, Vladimir Ivanovich; TOROPOV, A.S., nauchnyy red.; SOMSONOVA, M.T., red. izd-va; YEZHOVA, L.L., tekhn.red.

[Accident and fire prevention in construction and assembly work] Tekhnika bezopasnosti i protivopozharnaia tekhnika na stroitel'no-montazhnykh rabotakh. Izd. 4., perer. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1961. 324 p.
(MIRA 15:2)

(Building--Safety measures)

BARANOV, L.A.; GORBATOV, V.I.; YEVREINOV, D.V.; YERMAKOV, Ye.I.; PITERSKOV, N.I.; RYL'TSEV, A.N.; RYAZANTSEV, K.G.; TOROPOV, A.S.; TSEYTLIN, G.I.; YAROSHEV, D.M.; TRUBIN, V.A., glavnyy red.; SOSHIN, A.V., zam.glavnogo red.; RAKITIN, G.A., red.; GRINEVICH, G.B., red.; YEPIFANOV, S.P., red.; ONUFRIYEV, I.A., red.; KHOKHLOV, B.A., red.; ZIMIN, P.A., red.; TABUNINA, M.A., red.izd-va; OSENKO, L.M., tekhn.red.

[Manual on accident prevention and industrial sanitation during construction and repair operations] Spravochnoe posobie po tekhnike bezopasnosti i promsanitarii pri proizvodstve stroitel'no-montazhnykh rabot. Pod red. G.A.Rakitina. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1961. 359 p. (MIRA 14:4)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu. (Construction industry--Hygienic aspects)

TOROPOV, Aleksandr Sergeyevich; KOKOSHKO, A.G., red.; NAUMOV, K.M., tekhn.red.

[New machinery and progressive technology in construction and in the production of building materials and products] Novaia tekhnika i peredovaia tekhnologiia v stroitel'stve i v proizvodstve stroitel'nykh materialov i izdelii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 51 p. (MIRA 13:11)
(Construction industry) (Building materials)

TOROPOV, A. S.

UKHOV, B.S., prof., doktor tekhn.nauk [deceased]; VOROB'YEV, V.A., prof., doktor tekhn.nauk, zasluzhennyy deyatel' nauki i tekhniki; YEGOROV, Yu.A., prof., doktor iskusstvovedcheskikh nauk; STRAMENTOV, A.Ya., prof., doktor tekhn.nauk; SIROTKIN, V.P., prof., doktor tekhn.nauk; TOROPOV, A.S., dotsent, kand.tekhn.nauk; KRYLOV, B.A., kand.tekhn. nauk; SHREYBER, A.K., kand.tekhn.nauk; OSMOLOVSKIY, M.S., dotsent, kand.arkhitektury, inzh.-arkhitektor; POGODIN-ALEKSEYEV, G.I., prof., doktor tekhn.nauk, obshchiy red.; NAYMOV, N.A., dotsent, kand.tekhn. nauk, nauchnyy red.; KOKOSHKO, A.G., red.; NAUMOV, K.M., tekhn.red.

[Industrial and residential construction; textbook for higher party schools] Promyshlennoe i grazhdanskoe stroitel'stvo; uchebnoe posobie dlia vysshikh partiinykh shkol. Moskva, 1959. 434 p.
(MIRA 13:2)

1. Kommunisticheskaya partiya Sovetskogo soyuza. Vysshaya partiynaya shkola. 2. Chlen-korrespondent Akademii stroitel'stva i arkhitektury (for Stramentov). 3. Rukovoditel' kafedry promyshlennogo proizvodstva i stroitel'stva Vysshey partiynoy shkoly pri TSentral'nom komitete Kommunisticheskoy partii Sovetskogo soyuza (for Pogodin-Alekseyev.)
(Construction industry) (City planning)

TOROPOV, I.A., kand.tekhn.nauk, dotsent

Optimum parameters and dimensions of an induction furnace without iron core with consideration of the boundary effect. Izv. LETI no.45: 243-249 '61. (MIRA 16:5)
(Induction heating) (Electric furnaces)

KARBYSHEV, D.M., Geroy Sovetskogo Soyuza, prof., doktor voennykh nauk, general-leytenant inzh. voysk[deceased]; GOLDOVICH, A.I., general-leytenant inzh., voysk v otstavke, red.; PLYASKIN, V.Ya., V.Ya., general-leytenant inzh. voysk, red.; LEOSHENYA, Ye.V., general-leytenant inzh. voysk v otstavke, red.; SOCHILOV, M.F., general-mayor inzh. voysk v otstavke, red.; AFANAS'YEV, D.M., polkovnik v otstavke, red.; BORISOV, D.S., polkovnik zapasa, red.; TOROPOV, K.V., inzh.-polkovnik v otstavke, red.; SHOR, D.I., inzh.-polkovnik v otstavke, red.; SHEVCHUK, M.K., podpolkovnik zapasa, red.;ROSSAL, N.A., polkovnik, red.; SOKOLOVA, G.F., tekhn. red.

[Selected scientific work]Izbrannye nauchnye trudy. Moskva, Voenizdat, 1962. 703 p. (MIRA 16:3)
(Military engineering)

KOCHETKOVA, G.V.; POPOVA, O.L.; BOBKOVA, T.S.; TOROPOVA, Ye.G.

Inactivating effect of some new antibiotics produced by Actinomyces on actinophages in vitro and in vivo. Antibiotiki 3 no.5:17-21 S-O '58. (MIRA 12:11)

1. Laboratoriya vydeleniya i kul'tivirovaniya produtsentov (zav. - prof.G.F.Gauze) Instituta po izyskaniyu novykh antibiotikov AMN SSSR.

(BACTERIOPHAGE,
actinophage, inactivation by antibiotics prod. by Actinomyces (Rus))
(ACTINOMYCES,
same)
(ANTIBIOTICS,
Actinomyces-prod., inactivation of actinophage (Rus))

BARANOV, Lev Aronovich; Toropov, A.S., red.; TARAYEVA, Ye.K., red.izd-va; GUSEVA, S.S., tekhn.red.

[Methods of working out problems in safety engineering during the planning of construction organization] Metodika razrabotki voprosov tekhniki bezopasnosti pri proektirovanii organizatsii stroitel'stva. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1958. 53 p. (MIRA 11:5)
(Building--Safety measures)

KEYS, N.V.; SINITSYN, A.A.; POZDNYSHEV, V.M.; SAMARIN, A.P.; YARTSEVA, T.N.; Prinimali uchastiye: BENDOVSKIY, B.M.; CHUTCHEV, I.I.; KOMPANIYETS, N.V.; OTRISHCHENKO, N.I.; KHARITONOVA, V.V.; TOROPOV, F.S.

Making ingot molds and other castings of cast iron with spheroidal graphite at the Chelyabinsk Metallurgical Plant. Stal' 23 no.4:381-383 Ap '63. (MIRA 16:4)

(Iron founding) (Ingot molds)

TOROPOV, G.

Generalize the practice of innovators. Fin. SSSR 19 no.6:59-60 Je '58. (MIRA 11:6)

1. Sekretar' komissii po ratsionalizatorskim predlozheniyam Murmskogo rayfinotdela Vladimirskoy oblasti.
(Vladimir Province--Finance)

BENYAKOVSKIY, M.A.; GUTNIK, M.V.; TOROPOV, G.M.; BUTYLKINA, L.I.; REUTOV, Yu.G.; SHIKHANOVICH, B.A.; FIRSOV, P.A.; NAGAYEV, S.A.

Mastering the operation of the plant for cold-rolled sheet production. Stal' 25 no.8:726-730 Ag '65. (MIRA 18:8)

1. Cherepovetskiy metallurgicheskiy zavod.

BENYAKOVSKIY, M.A.; SEDOV, V.I.; TOROPOV, G.M., inzhener-issledovatel'

Mastering plate rolling on the 2800 mill. Metallurg 8 no.1:22-23 Ja '63. (MIRA 16:1)

1. Nachal'nik listoprokatnoy laboratorii TSentral'noy zavodskoy laboratorii Cherepovetskogo metallurgicheskogo zavoda (for Benyakovskiy). 2. Starshiy master stana No.2800 Cherepovetskogo metallurgicheskogo zavoda (for Sedov). 3. TSentral'naya zavodskaya laboratoriya Cherepovetskogo metallurgicheskogo zavoda (for Toropov).

(Rolling (Metalwork))

S/130/63/000/001/003/008
A006/A101

AUTHORS: Benyakovskiy, M. A., Chief of the TsZL sheet-rolling laboratory, Sedov, V. I., Senior Master of the mill, Toropov, G. M., Research Engineer at TsZL

TITLE: Assimilation of plate rolling on the 2800 mill

PERIODICAL: Metallurg, no. 1, 1963, 22 - 23

TEXT: The 2800 plate rolling mill became operative at the Cherepovets metallurgical plant in 1959. It is intended for rolling 8 - 50 mm thick, 1,000 - 2,520 mm wide and up to 18.5 mm (?) long carbon and low-alloy steel plates, and 25 - 30 mm thick, 1,000 - 1,400 mm wide, low-carbon steel strips. The plates are rolled from slabs 120 - 250 mm thick, 700 - 1,500 mm wide and 1,500 - 2,300 mm long. They are heated to 1,200 - 1,280°C in continuous. furnaces. After reduction of the lateral edges the slabs are rolled in the two-high roughing stands to the required width and are then rolled to the final length in a four-high stand. After rolling the plates are sprayed with water to cool down. The plates are then straightened, edged, and cut by two guillotine shears and a cutter disk. The authors stress the satisfactory team work

Card 1/2

Assimilation of plate rolling on the 2800 mill

S/130/63/000/001/003/008
A006/A101

of the work collective under the leadership of I. M. Konovalov, senior operator and honorary metallurgical worker. They brought about various improvements in the mill, including the redesign of the conductor beam on the roughing stand, a simplified design of the upper working roll conductor, and the mounting of a device for the measuring of the rolling force. As a result the efficiency of the mill increased by 25%, the amount of rejects was reduced by a factor of 2.5, and metal consumption decreased by 35 kg per one ton of finished plates. There is 1 table and 1 figure.

ASSOCIATION: Cherepovetskiy metallurgicheskiy zavod (Cherepovets Metallurgical Plant)

Card 2/2

TOROPOV, G.N., mayor meditsinskoy sluzhby, kandidat meditsinskikh nauk

Outstanding naval surgeon IA.IA.Mul'tanovskii; on the 50th anniversary of his death. Voen.-med.zhur. no.7:92 Jl '56. (MLRA 9:11)
(MUL'TANOVSKII, IAKOV IAKOVLEVICH, 1857-1906)

TGROPOV, G.N., mayor meditsinskoy sluzhby, kandidat meditsinskikh nauk

Outstanding naval surgeon IA.IA.Mul'tanovskii; on the 50th anniversary of his death. Voen.-med.zhur. no.7:92 Jl '56. (MLRA 9:11)
(MUL'TANOVSKII, IAKOV IAKOVLEVICH, 1857-1906)

TOROPOV, I.A., kand.tekhn.nauk, dotsent (Leningrad)

Consideration of the boundary effect in the calculation of an induction furnace without a steel core. Elektrichestvo no. 11:72-76 N '60. (MIRA 13:12)

(Induction heating)

TOROPOV, I.A.

Irregular thermal conditions in an electrothermal devices of cylindrical form with ceramic thermal insulation. Inzh.-fiz. zhur. no.12:68-71 D '60. (MIRA 14:3)

1. Elektrotekhnicheskiy institut im. V.I. Ul'yanova (Lenina), g. Leningrad.
(Heat—Transmission)
(Insulation (Heat))

88011

S/170/60/003/012/008/015
B019/B056

11.9100

AUTHOR: Toropov, I. A.

TITLE: Transient Heat Conditions of Electrothermal Installations of Cylindrical Shape With Ceramic Heat Insulation

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1960, Vol. 3, No. 12, pp. 68-71

TEXT: The author investigated a cylindrical, electrically conductive body, which is surrounded by a ceramic insulation. The effect produced by the ends is neglected, the materials are considered to be homogeneous and isotropic. The original temperature distribution and the boundary conditions are considered to be known and in the course of the calculation, known as well as unknown physical quantities are taken into account. The problem given is solved by means of finite differences, and, as shown by experience, yields good results. The initial heat distribution in both media is considered to be continuous. The heat conduction equation is written down in finite differences and, for the case of an inductive heating, solutions are obtained which permit calculating the temperature

Card 1/2

88011

Transient Heat Conditions of Electrothermal Installations of Cylindrical Shape With Ceramic Heat Insulation

S/170/60/003/012/006/015
B019/B056

on the boundary of the two media as well as on the surface. Finally, a high frequency induction furnace is calculated as an example. There are 1 table and 4 Soviet references.

ASSOCIATION: Elektrotekhnicheskiy institut im. V. I. Ul'yanova (Lenina), g. Leningrad (Electrotechnical Institute imeni V. I. Ul'yanov (Lenin), Leningrad)

SUBMITTED: March 18, 1960

Card 2/2

SOV/110-59-4-18/23

AUTHOR: Toropov, I.A. (Candidate of Technical Sciences)

TITLE: Determination of the Parameters of a Single-Phase High Frequency Induction Furnace with Allowance for the Edge Effect (Opredeleniye parametrov odnofaznoy induktsionnoy pechi vysokoy chastoty s uchetom krayevogo effekta)

PERIODICAL: Vestnik Elektropromyshlennosti,1959,Nr 4,pp 65-67(USSR)

ABSTRACT: An induction furnace is often treated as an annular coil with a metallic core. Correction factors are often introduced to allow for the end effect of metal and coil. Other authors consider heating of a short cylinder and recommend a method of successive approximations with the initial assumption that heating takes place in a uniform alternating electro-magnetic field. This articles gives a more detailed solution of the problem; it is assumed that the metal load is a cylindrical cone heated by a non-uniform alternating electro-magnetic field. The magnetic field consists of two components, one set up by the current flowing in the coil and the other by the current flowing in the metal. Maxwell's electro-magnetic field equations are used as a basis for the discussion. After numerous conversions, expression (15) is derived

Card 1/2

Determination of the Parameters of a Single-Phase High Frequency Induction Furnace with Allowance for the Edge Effect

for the referred active resistance of the metal and expression (16) for the leakage reactance. A numerical example of resistance and reactance calculations for a single phase high frequency induction furnace is given as an appendix.

Card 2/2 There are 6 figures and 9 references, 4 of which are Soviet, 4 German and 1 Czech).

SUBMITTED: May 23, 1958

TOROPOV, I.A., kand.tekhn.nauk, dotsent

Ferromagnetic screens for induction furnaces. Elektrichestvo no.3:43-45 Mr '62. (MIRA 15:2)

1. Leningradskiy elektrotekhnicheskiy institut im. Ul'yanova (Lenina).

(Electric furnaces)

TOROPOV, K., inzhener-polkovnik.

New bridge signs for N.A.T.O. forces. Voen.-inzh. zhur. 101 no.5: 42-43 My '57. (MLRA 10:6)

(Bridges, Military)

TOROPOV, K., inzhener-polkovnik zapasa.

Equipment for facilitating night operations; views taken from the foreign press. Voen.-inzh. zhur. 101 no.11:43-45 N '57. (MIRA 10:11)
(Night fighting (Military science))

TOROPOV, K., inzh.-polkovnik zapasa

Foreign press about the launching of the sputniks and the American Vanguard project. Voen.-inzh. zhur. 101:46-48 Ja '58.
(MIRA 11:2)

(Artificial satellites)

TOROPOV, K., kand.tekhn.nauk

Rifle ranges. Voen.znan. 37 no.7:32-33 Jl '61. (MIRA 14:6)
(Rifle ranges)

TOROPOV, Konstantin Vyacheslavovich, kandidat tekhnicheskikh nauk; GRIGOR'YEVA, A.I., redaktor; ANDRIANOV, B.I., tekhnicheskiy redaktor

[Shooting ranges; the construction and equipment of ranges for firing small caliber and combat rifles] Strelkovye tiry; ustroistvo i oborudovanie strelkovykh tirov dlia strel'by iz malokalibernogo i boevogo oruzhiia. Moskva, Izd-vo DOSAAF, 1956. 126 p. (MIRA 9:11)
(Rifle-ranges)

TOROPOV, K. V.

Strelkovye tiry; ustroystvo i oborudovanie strelkovykh malokalibernaykn i boevykh tirov. Moscow, Redizdat TsS Soyuza Osoviakhim SSSR, 1947. pp. 88, diags., tables; 21 x 14. (Field of Military Science)

LXIII

TOROPOV, K. V.,

Colonel-Engineer

"Rifle Ranges." Thesis for degree of Cand. Technical Sci. Sub 23 Jan 50, Military Red Banner Engineering Academy imeni V.V. Kuybyshev

FDD Summary 71, 4 Sep 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1950. From Vechernyaya Moskva. Jan-Dec. 1950.

SELISHCHEV, Ivan Pavlovich, zhurnalist; TOROPOV, L., red.; KLIMOVA, T., tekhn. red.

[Stronger than steel; sketch of the steelmaker, Makar Mazai] Krepche stali; ocherk o stalevare Makare Mazae. Moskva, Gos. izd-vo polit. lit-ry, 1962. 39 p. (MIRA 15:5)
(Mazai, Makar Nikitich)

ARZUMANYAN, Ashot Martirosovich; TOROPOV, L., red.; MUKHIN, Yu., tekhn.red.

[General designer A.I Mikoian] General'nyi konstruktor A.I. Mikoian. Moskva, Gos.izd-vo polit.lit-ry, 1961. 46 p. (MIRA 15:2)

(Mikoian, Artem Ivanovich, 1906-)

TOROPOV, L.

New plans for car-houses. Stroi. truboprov. 9 no.10:28 O '64.
(MIRA 18:7)

1. Stroitel'no-montazhnoye upravleniye No.5 tresta Nefteprovodmontazh, Krasnoyarsk.

BELYAKOV, A.A.; GOTMAN, T.P., red.; TOROPOV, L.N., red.; BORUNOV, N.I., tekhn. red.

[Construction of the Novosibirsk hydroelectric development] Opyt stroitel'stva Novosibirskogo gidrouzla. Moskva, Gosenergoizdat, 1962. 203 p. (MIRA 15:12)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR, Zamestitel' predsedatelya Tekhnicheskogo Soveta Ministerstva stroitel'stva elektrostantsiy (for Belyakov).
(Novosibirsk Hydroelectric Power Station)

BOROVOY, A.A., red.; LYUBCHENKO, B.M., inzh., red.; TOROPOV, L.N., red.; VORONIN, K.P., tekhn. red.

[Arch dams; transactions] Arochnye plotiny; trudy. Pod obshchei red. A.A.Borovogo. Moskva, Gos.energ. izd-vo, 1961. 182 p. (MIRA 15:2)

1. Nauchno-tekhnicheskoye soveshchaniye po arochnym plotinam, Moscow, 1959.

(Dams)

TOROPOV, L.N., inzh.

Construction of a dam with a permafrost screen on the upper Ireliakh River. Energ. stroi. no.1:51-56 '65. (MIRA 18:7)

BOLDYREV, A.A.; IL'IN, A.I.; NOVIKOV, Yu.M.; VOZNESENSKIY, A.N., prof., red.; TOROPOV, L.N., red.; LARIONOV, G.Ye., tekhn. red.

[Development of water resources in India] Ispol'zovanie vodnykh resursov Indii. Pod obshchei red. A.N.Voznesenskogo. Moskva, Gos. energ. izd-vo, 1961. 95 p. (MIRA 15:3)
(India--Water resources development)

PODUROVSKIY, I.M.; TOROPOV, L.N., red.; LARIONOV, G.Ye., tekhn. red.

[Overhead cable conveying at hydroelectric construction projects] Kanatnyi podvesnoi transport na gidroenergeticheskom stroitel'stve. Moskva, Gos. energ. izd-vo, 1961. 93 p. (MIRA 15:3)

(Cableways)

ASTASHENKOV, Petr Timofeyevich, zhurnalist; TOROPOV, L., red.; MUKHIN, Yu., tekhn. red.

[Flight to new developments] Polet v novoe. Moskva, Gos. izd-vo polit. lit-ry, 1961. 45 p. (MIRA 14:9)
(Lavochkin, Semen Alekseyevich, 1900-1960)
(Airplanes—Design and construction)

KULIKOVSKAYA, Galina Vladimirovna, zhurnalistka; TOROPOV, L., red.
MUKHIN, Yu., tekhn. red.

[This kind of character] Takoi kharakter. Moskva, Gos. izd-vo polit. lit-ry, 1961. 23 p. (MIRA 14:10)
(Barkova, Ul'iana Spridonovna)

MELIK-NUBAROV, S.G.; TOROPOV, L.N., red.; BORUNOV, N.I., tekhn. red.

[Water intakes with bottom screens] Vodozabory s donnoi reshetkoi. Moskva, Gos. energ. izd-vo, 1961. 102 p. (MIRA 14:11)
(Hydraulic structures)

BOROVOY, A.A., red.; LYUBCHENKO, B.M., inzh., red.; TOROPOV, L.N., red.; VORONIN, K.P., tekhn. red.

[Materials of the Scientific Technological Conference on Arch Dams] Trudy Nauchno-tekhnicheskogo soveshchaniia po arochnym plotinam, Moscow, 1959. Pod obshchei red. A.A.Borovogo. Moskva, Gos.energ.izd-vo, 1961. 182 p. (MIRA 15:1)

1. Nauchno-tekhnicheskoye soveshchaniye po arochnym plotinam, Moscow, 1959.

(Dams)

TOROPOV, N.

Toropov, N. "Against idealism in the theory of physical education. (Reaction to N. A. Berhshteyn's books 'The Physiology of Man' and 'The structure of movements')," Fizkul'tura i sport, 1949, No. 4, p. 2

SO: U-5241, 17 December 1953, (Letonis 'Zhurnal 'nykh Statey, No. 26, 1949).

TOROPOV, N.

With the government's help. Zhil.-kom.khoz. 7 no.10:17 '57.
(MIRA 10:10)

1.Brigadir naladchikov tkatskikh stankov Naro-Fominskoy pryadil'no-tkatskoy fabriki.
(Building)